

ABSTRACT

The first refrigerating machine oil composition of the invention comprises a predetermined base oil, and at least one ester additive selected from esters of a monobasic fatty acid having 12 or more carbon atoms and a monohydric alcohol having 1-24 carbon atoms, and an ester of a chain-like dibasic acid and a monohydric alcohol. The second refrigerating machine oil composition of the invention comprises a predetermined base oil, and at least one oxygen-containing compound selected from the following (A1)-(A6). The third refrigerating machine oil composition of the invention comprises a predetermined base oil, and at least one oxygen-containing compound selected from the following (A1), (A2), (A4), (A7) and (A8).

(A1) Alkylene oxide adduct of a polyhydric alcohol having 3-6 hydroxyl groups

(A2) Polyalkylene glycol

(A3) Trihydric alcohol having 3-20 carbon atoms apart from (A1)

(A4) Dihydric alcohol having 2-20 carbon atoms apart from (A2)

(A5) Hydrocarbyl ether of (A1)-(A4)

(A6) Hydrocarbyl ester of (A1)-(A4)

(A7) Hydrocarbyl ether of (A1), (A2) or (A4)

(A8) Hydrocarbyl ester of (A1), (A2) or (A4)